



## RFID Integrated Alloy Label

[www.bradyeurope.com/RFID](http://www.bradyeurope.com/RFID)

Efficient  
traceability  
for metal  
aircraft  
components

The self-adhesive RFID Integrated Alloy Labels provide a robust, easy to use and reliable solution for durable data management and metal component history visibility. By applying the RFID label on metal components, both in- and outside aircraft cabins, complete and easily consultable manufacturing and maintenance histories can automatically travel along with any component in aerospace industries.

### Create paperless birth records

- Print and program the RFID integrated label on-site in less than 10 seconds
- Compliant with the latest ATA Spec 2000
- Compliant, customisable and user friendly software

### Easy to use

- Easily attach the label to flat and curved metal components
- Ultra light weight label: less than 2g
- Available low & high memory in 3 different sizes

### Complete history attached to every component

- Easily gain insight in component origin and history
- Update component history with the scanner the RFID scanner
- Rely on extreme label durability for cradle to grave traceability

The RFID Integrated Alloy Label can be delivered according to specifications, or can be supplied as a component of Brady's SmartID Solution, which includes a high quality RFID print and program system and ATA Spec 2000 compliant software to simplify and automate traceability processes in aerospace industries.



# B-1000 RFID Integrated Alloy Label



Technical Specifications	Low Memory 2Kb - Dual-record	High Memory 64Kb - Multi-record
Reserved Bank	32-bit Kill Password and 32-bit Access Password	
EPC Bank	Up to 496-bit EPC identifier	
TID Bank	256 bits	
User Memory	2,000 bits total	64,000 bits total

Attribute	Brady B-1000 Series	
Print Technology	Thermal transfer print	
Recommended Ribbon	Brady Series R6400	
Material Type	White PVF film: Face Sheet, PET Construction, ECH Rubber, Aluminium	
Adhesive	Acrylic-Rubber Hybrid	
Shelf life	2 years	
Dimensions	Large 70 mm x 32 mm	
	Medium 55 mm x 25 mm	
	Small 35 mm x 25 mm	
Read Range	Large – 2m*	Large – 1.5m*
	Medium – 1.9m*	Medium – 1.1m*
	Small – 0.8m*	-
Overall Thickness	< 2mm	
Weight	< 2g	
Operating Temperature	-55°C to 85°C	
Minimum Application Temperature	10° C	
Installation Areas	Pressurised & Non-pressurised	
Air Interface	Fully passive; EPCglobal Class 1 Gen2: ISO 18000-6C	
Operating Frequency	840 – 960 MHz	
Memory Availability	Dual Memory and Multi-record Memory	
Certifications and Standards	ABS-1860, AS5678, DO-160, and ATA Spec 2000	

\* Results dependent on conditions used for testing, actual performance will vary depending on environment and substrate composition. See Technical Data Sheet for additional information.

## RFID Integrated Alloy Label Order References

Catalog-Number	Description	Size
THT-HM-MED-1000-PF	Medium RFID Alloy label - High-Memory	55 mm x 25 mm
THT-HM-LRG-1000-PF	Large RFID Alloy label - High-Memory	70 mm x 32 mm
THT-LM-SML-1000	Small RFID Alloy label - Low-Memory	35 mm x 25 mm
THT-LM-MED-1000-PF	Medium RFID Alloy label - Low-Memory	55 mm x 25 mm
THT-LM-LRG-1000-PF	Large RFID Alloy label - Low-Memory	70 mm x 32 mm

### BRADY EMEA Locations

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Denmark	+45 66 14 44 00	Russia	+7 495 269 47 87
France	+33 (0) 3 20 76 94 48	Spain & Portugal	+34 900 902 993
Germany	+49 (0) 6103 7598 660	Sweden, Finland, Baltic states	+46 (0) 8 590 057 30
Hungary	+36 23 500 275	Turkey	+90 212 264 02 20
Italy	+39 02 26 00 00 22	UK & Ireland	+44 (0) 1295 228 288

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